

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 12, 2004, 09:43:41 ; Search time 612.749 Seconds

(without alignments)
10775.325 Million cell updates/sec

Title: US-09-581-742B-1

Perfect score: 1760

Sequence: 1 cccgcgtgccccgcagtcgtc.....taagttgctgctgagag 1760

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1760	100.0	1760	US-10-147-493-5	Sequence 5, Appli
2	1760	100.0	1760	US-10-145-127-5	Sequence 5, Appli
3	1760	100.0	1760	US-10-160-503-5	Sequence 5, Appli
4	1760	100.0	1760	US-10-143-118-5	Sequence 5, Appli
5	1760	100.0	1760	US-10-144-993-5	Sequence 5, Appli
6	1760	100.0	1760	US-10-158-787-5	Sequence 5, Appli
7	1760	100.0	1760	US-10-140-024-5	Sequence 5, Appli
8	1760	100.0	1760	US-10-028-072-5	Sequence 5, Appli
9	1760	100.0	1760	US-10-121-049-5	Sequence 5, Appli
10	1760	100.0	1760	US-10-123-904-5	Sequence 5, Appli
11	1760	100.0	1760	US-10-140-470-5	Sequence 5, Appli
12	1760	100.0	1760	US-10-175-746-5	Sequence 5, Appli
13	1760	100.0	1760	US-10-176-918-5	Sequence 5, Appli
14	1760	100.0	1760	US-10-176-921-5	Sequence 5, Appli
15	1760	100.0	1760	US-10-137-865-5	Sequence 5, Appli

16	1760	100.0	1760	US-10-140-474-5	Sequence 5, Appli
17	1760	100.0	1760	US-10-142-431-5	Sequence 5, Appli
18	1760	100.0	1760	US-10-143-114-5	Sequence 5, Appli
19	1760	100.0	1760	US-10-140-002-5	Sequence 5, Appli
20	1760	100.0	1760	US-10-142-419-5	Sequence 5, Appli
21	1760	100.0	1760	US-10-123-262-5	Sequence 5, Appli
22	1760	100.0	1760	US-10-142-423-5	Sequence 5, Appli
23	1760	100.0	1760	US-10-131-050-5	Sequence 5, Appli
24	1760	100.0	1760	US-10-141-755-5	Sequence 5, Appli
25	1760	100.0	1760	US-10-143-032-5	Sequence 5, Appli
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27	1760	100.0	1760	US-10-123-236-5	Sequence 5, Appli
28	1760	100.0	1760	US-10-123-261-5	Sequence 5, Appli
29	1760	100.0	1760	US-10-140-921-5	Sequence 5, Appli
30	1760	100.0	1760	US-10-140-928-5	Sequence 5, Appli
31	1760	100.0	1760	US-10-121-045-5	Sequence 5, Appli
32	1760	100.0	1760	US-10-123-292-5	Sequence 5, Appli
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34	1760	100.0	1760	US-10-124-819-5	Sequence 5, Appli
35	1760	100.0	1760	US-10-124-822-5	Sequence 5, Appli
36	1760	100.0	1760	US-10-140-925-5	Sequence 5, Appli
37	1760	100.0	1760	US-10-160-498-5	Sequence 5, Appli
38	1760	100.0	1760	US-10-124-824-5	Sequence 5, Appli
39	1760	100.0	1760	US-10-127-825A-5	Sequence 5, Appli
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42	1760	100.0	1760	US-10-127-839A-5	Sequence 5, Appli
43	1760	100.0	1760	US-10-127-901A-5	Sequence 5, Appli
44	1760	100.0	1760	US-10-128-693A-5	Sequence 5, Appli
45	1760	100.0	1760	US-10-131-813A-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1

US-10-147-493-5

Sequence 5, Application US/10147493

Publicatoin No. US20040029217A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Laura

APPLICANT: Desnoyers, Laura

APPLICANT: Filvarsoff, Ellen

APPLICANT: Geo, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Goddard, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACTS ENCODING THE SAME

FILE REFERENCE: P330R1C345

CURRENT APPLICATION NUMBER: US/10/147,493

Prior Application removed - See File Wrapper or Paim

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 5

LENGTH: 1760

TYPE: DNA

ORGANISM: Homo Sapien

US-10-147-493-5

Query Match 100.0%; Score 1760; DB 12; Length 1760;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 CCGGCTGGCCGCTGAGTCTCTCCCGCTGTTGGCTCTCCAGTTCCCGGAGTGCTGC 60
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421 TGGCTTATGTTGACCAAGAGTCAAGTCTTAAAGAGTCAAGTCTTAAAGAGTCAAG 480
421 TGGCTTATGTTGACCAAGAGTCAAGTCTTAAAGAGTCAAGTCTTAAAGAGTCAAG 480
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901 TGAAGGCACTGAGAGAGTGGCTCAACTGATGATGATGATGATGATGATGATGATGAT 960
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RESULT 2

US-10-145-127-5

Sequence 5, Application US/10145127

Publication No. US20040033558A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerliessen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C252
 CURRENT APPLICATION NUMBER: US/10/145,127
 CURRENT FILING DATE: 2002-05-13
 Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 5
 LENGTH: 1760
 TYPE: DNA
 ORGANISM: Homo sapien
 US-10-145-127-5

Query Match 100.0%; Score 1760; DB 12; Length 1760;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 1321 CTCTGAG 1380
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RESULT 3

US-10-160-503-5
 Sequence 5, Application US/10160503
 Publication No. US20040033559A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen

Db 1741 TAAAGTCTGCTGCTGGAG 1760

RESULT 4
US-10-143-118-5

Sequence 5, Application US/10143118
Publication No. US20040038335A1
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P330R1C228
CURRENT FILING DATE: 2002-05-09
PRIORITY APPLICATION NUMBER: US/10/143,118
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 5
LENGTH: 1760
TYPE: DNA
ORGANISM: Homo Sapien
US-10-143-118-5

Query Match 100.0%; Score 1760; DB 12; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 CCCGCTGCGCCGCTGCTCTCTCCCGCTGCTTGGCCCTTCACAGTTCCCCCAAGTCTGCG 60
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Db 61 CCTACGCAACCCCGATGCGAGCTGGGCGCTTACGGCGCGCCCGCGCCCAACCGCGCCCGC 120
QY 121 GGGCCCTGGCCGCACTGCGCCCGCGCTTGGCTGCTCTTCCCGCGGACTGCAAGC 180
Db 121 GGGCCCTGGCCGCACTGCGCCCGCGCTTGGCTGCTCTTCCCGCGGACTGCAAGC 180
QY 181 CATCTACGAGAGATGCGCGCGCTTACCTTGAACCGGAAACCGCGCTCAAGTTACCGC 240
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Db 361 TGATCTCTATGTGTAACAAGATCATGATTTACAGAGACAGATGAGCTAGTGTGTT 420
QY 421 TGGCTTTGAGTTGACCTTTCTGTGAAGAGAGAACTGGGAGGTGCGCCCAACATG 480
Db 421 TGGCTTTGAGTTGACCTTTCTGTGAAGAGAGAACTGGGAGGTGCGCCCAACATG 480

QY 481 GCCCGAGAGTAAATGACAGGCTTGGCAAGATAGAGTTCCAGTACAGAGAACACTTCTG 540
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Db 601 CATGCTGTGACAGAGAGCCCAAGATGACGCGCTGAGACACCTTTGGGGATTTAC 660
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Db 781 TGACATGCGAGGAGAGAGACATATTGAGTGAATCAGACCTGCAAGAGAGAGTTGA 840
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Db 1021 CGAGATCAACAGCAAACTGTCTTCCCAACCAATCAACCTTACGGGAGAAATGCTTGC 1080
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Db 1381 TCTCGAGAGCTGTGCGCTTCCGCTGAGAGAGTCTTCTGCTGAGAGAGAGAGAGAG 1440
QY 1441 GCATCTCAATTTTCAAGAGAGTCAAGAACTTGGAGAGAGAGAGAGAGAGAGAGAG 1500
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QY 1501 ATTGCGCCCTGAGTCCCTGAGTGCCTTGGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
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Db 1681 GCTGTTCCTCAAGGAAACCGGCGGCTGGGAAAGAGCTCTGCTCTGAGATGTTTCA 1740
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Db 1741 TAAAGTGTGTGTGTGGAG 1760

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RESULT 7

US-10-140-024-5
 ; Sequence 5, Application US/10140024
 ; Publication No. US200400584241

; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: Defoige, Laura

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Auecin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Matanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-024-5

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Query Match 100.0%; Score 1760; DB 12; Length 1760;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 CCTACGACCCCGATGCGGAGCTGCGGCTTACGCGGCGCCCGGCGCCCGGCGCCCGC 120
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Db 121 GCGCCCTGAGCGGCTGAGTGTCTCTCCCGGCTTGGGCTCTCTCTCTCTCTCTCTCTCT 180
QY 181 CATCTACGAGAGTGTGCGGCGGCTTACCTTACCTGACAGCGGACCCGCTCCAGGTTACCGC 240
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 Sequence 5, Application US/10028072
 Publication No. US20030004311A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerltzen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang
 TITLE OF INVENTION:
 FILE REFERENCE:
 CURRENT APPLICATION NUMBER: US/10/028,072
 CURRENT FILING DATE: 2001-12-19
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;; PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 1760; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCCGCTGCCCCGTCAGTGTCTCTCCCGTGTTCGCTCTCCAGTTCGCCAGTGCCTGC 60
Db 1 CCCGCTGCCCCGTCAGTGTCTCTCCCGTGTTCGCTCTCCAGTTCGCCAGTGCCTGC 60
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; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-121-049-5

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Query Match	100.0%;	Score 1760;	DB 14;	Length 1760;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 1760; Conservative	0;	Mismatches	0;	Indels 0; Gaps 0;

[illegible]

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Db	1021	CGAGATCAACAGCAAACTGTCTCTCCACCAATCAACCTCAGCGGAGATGGCTCGC	1080
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Db	1081	CCAGACCCGGGCCCCGAGCGCGCAAAAGCAGCTTGGAAAGTGAACAGCTTCCACGGCATCAT	1140
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Db	1141	TCCCCATGAGTGATTTGCAAGCGGAGCTTTGAGAGGGTACATCTGTAATTAACCAAGGA	1200
Qy	1201	GTCCGAGCCTTCAATTCTCTCTGCTTAAGGGGAGGCTCTGTGATGAGCGGCACTTTAC	1260
Db	1201	GTCCGAGCCTTCAATTCTCTCTGCTTAAGGGGAGGCTCTGTGATGAGCGGCACTTTAC	1260
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Qy	1741	TAAAGTTGCTGTGCTGGAG 1760	
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APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P330R1C54
 CURRENT APPLICATION NUMBER: US/10/123,904
 PRIORITY FILING DATE: 2002-04-16
 PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 5
 LENGTH: 1760
 TYPE: DNA
 ORGANISM: Homo Sapien
 US-10-123-904-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 1 CCGCTGCGCCGCTAGAGCTCTCCCGCTGTTGCCCTTCACAGTTCCCAAGTGCCTGC 60
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 DB 61 CCAAGGAGCCGAG 120
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 DB 121 GGGCCCTGCGCCGAG 180
 QY 121 GGGCCCTGCGCCGAG 180
 DB 121 GGGCCCTGCGCCGAG 180
 QY 181 CATCTAG 240
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 QY 541 CAGTGGAG 600
 DB 541 CAGTGGAG 600
 QY 601 CATGCTCTGAG 660
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 DB 1141 TCCCATGAG 1200
 QY 1201 GTCGAG 1260
 DB 1201 GTCGAG 1260
 QY 1261 ATATTAAG 1320
 DB 1261 ATATTAAG 1320
 QY 1321 CTTTCCAG 1380
 DB 1321 CTTTCCAG 1380
 QY 1381 TCCCTGAG 1440
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 QY 1441 GCATCTCAATTTTCAAG 1500
 DB 1441 GCATCTCAATTTTCAAG 1500
 QY 1501 ATTGCCCTCAAG 1560
 DB 1501 ATTGCCCTCAAG 1560
 QY 1561 CCCCTAG 1620
 DB 1561 CCCCTAG 1620
 QY 1621 CCTCAG 1680
 DB 1621 CCTCAG 1680
 QY 1681 GCTGTTGCGAG 1740
 DB 1681 GCTGTTGCGAG 1740
 QY 1741 TAAAGTTGCTGCTGGAG 1760
 DB 1741 TAAAGTTGCTGCTGGAG 1760

RESULT 11
 US-10-140-470-5
 ; Sequence 5, Application US/10140470

Db 1621 CCTCAGCAGACCTGAGGCCGACGCCGCTGCTCCCAAGACATGATGCTCCCTCCCATG 1680
Qy 1681 GCTGTGCCAGGGAACCGGAGCGCGGAGGAGACGAGCTGTGGGCTGGGCAATGTTTCA 1740
Db 1681 GCTGTGCCAGGGAACCGGAGCGCGGAGGAGACGAGCTGTGGGCTGGGCAATGTTTCA 1740
Qy 1741 TAAAGTTGCTGTGTCTGGAG 1760
Db 1741 TAAAGTTGCTGTGTCTGGAG 1760
RESULT 12
US-10-175-746-5
Sequence 5, Application US/10175746
Publication No. US20030027270A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Geriltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P330R1C353
CURRENT APPLICATION NUMBER: US/10/175,746
PRIORITY FILING DATE: 2002-06-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 5
LENGTH: 1760
TYPE: DNA
ORGANISM: Homo Sapien
US-10-175-746-5
Query Match 100.0%; Score 1760; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CCCGCTGACCGCTCAGTGTCTCTCCCGCTGTTGCTCTCCAGTTCCCGCAGTGCCTGC 60
Db 1 CCCGCTGACCGCTCAGTGTCTCTCCCGCTGTTGCTCTCCAGTTCCCGCAGTGCCTGC 60
Qy 61 CCTAAGCACCCCGATGCGAGCTGCGGCTTACCGGCGGCGCGCGCGCGCGCGCGCGCG 120
Db 61 CCTAAGCACCCCGATGCGAGCTGCGGCTTACCGGCGGCGCGCGCGCGCGCGCGCGCG 120
Qy 121 GGGCCCTGACCGCTCAGTGTCTCTCCCGCTGTTGCTCTCCAGTTCCCGCAGTGCCTGC 180
Db 121 GGGCCCTGACCGCTCAGTGTCTCTCCCGCTGTTGCTCTCCAGTTCCCGCAGTGCCTGC 180
Qy 181 CATCTACGAGAGTGCAGCGCGCTTTTACCTGACCGAGCGGACCGGCTCCAGTTACCGC 240
Db 181 CATCTACGAGAGTGCAGCGCGCTTTTACCTGACCGAGCGGACCGGCTCCAGTTACCGC 240
Qy 241 TATGCTCAAGTACTGCTGTGAGTGGGCGGAGCGGCGGCGGCGGCGGCGGCGGCGGCGG 300
Db 241 TATGCTCAAGTACTGCTGTGAGTGGGCGGAGCGGCGGCGGCGGCGGCGGCGGCGGCGG 300
Qy 301 TGTGGGAGCGCTTCTGTAAATCTCCCGAGCACTGGACATACATGAGCTTCCGCTGAG 360
Db 301 TGTGGGAGCGCTTCTGTAAATCTCCCGAGCACTGGACATACATGAGCTTCCGCTGAG 360

Qy 361 TGAATCTCAATGTGACAAACAGATCTCAATGAGTTTACAGAAACAGATGACCTTACTGTTT 420
Db 361 TGAATCTCAATGTGACAAACAGATCTCAATGAGTTTACAGAAACAGATGACCTTACTGTTT 420
Qy 421 TGGCTTTGAGTTGACCTTTGCTGTAAGAGAGAACTGGGAGAGTCTCCCAACATG 480
Db 421 TGGCTTTGAGTTGACCTTTGCTGTAAGAGAGAACTGGGAGAGTCTCCCAACATG 480
Qy 481 GCCCGCAGAGTTAATGACAGGCTTGGCAGATACGTGTTCCAGTACAGAAACCTTTCTG 540
Db 481 GCCCGCAGAGTTAATGACAGGCTTGGCAGATACGTGTTCCAGTACAGAAACCTTTCTG 540
Qy 541 CAGTGGGAGCAATGTCTCTGAGCAGAGCTTTGATTAAGTGAAGTCAAGAAATTGAGCA 600
Db 541 CAGTGGGAGCAATGTCTCTGAGCAGAGCTTTGATTAAGTGAAGTCAAGAAATTGAGCA 600
Qy 601 CATGCTGCTGACAGAGAGCCCAAGATGACAGCCGCTGACAGACCTTTGGGGTATTTAC 660
Db 601 CATGCTGCTGACAGAGAGCCCAAGATGACAGCCGCTGACAGACCTTTGGGGTATTTAC 660
Qy 661 CTTCTCTCAGATGCTGTGCTGACCTGAAGAGCTAACACTCAGCCCGAGAGTGAACCG 720
Db 661 CTTCTCTCAGATGCTGTGCTGACCTGAAGAGCTAACACTCAGCCCGAGAGTGAACCG 720
Qy 721 GCAGGGCATCTGAGAGCTGCTGCGGACAGTGCCTATTGCTGGCGGCTGCTGATTAAC 780
Db 721 GCAGGGCATCTGAGAGCTGCTGCGGACAGTGCCTATTGCTGGCGGCTGCTGATTAAC 780
Qy 781 TGAATGCGGAGGAGAGAGACCATATTGAGATCCATCCACACTGCAAGAGAGTGA 840
Db 781 TGAATGCGGAGGAGAGAGACCATATTGAGATCCATCCACACTGCAAGAGAGTGA 840
Qy 841 CAAAGGATGAGACAGATGCTCCACACTGAGTGTGTCAGTGCAGGAGTGTCTGGGA 900
Db 841 CAAAGGATGAGACAGATGCTCCACACTGAGTGTGTCAGTGCAGGAGTGTCTGGGA 900
Qy 901 TGAATGAGCGGCGCGCGCGGAGATGACAGAGCAGCCGAGAGATGCTGACGACACA 960
Db 901 TGAATGAGCGGCGCGCGCGGAGATGACAGAGCAGCCGAGAGATGCTGACGACACA 960
Qy 961 GCGCCGCGGAGCTCTGTGGCAAGACAGAGAGCAGATCCGGGAGAGCTTGAAGAGAGACT 1020
Db 961 GCGCCGCGGAGCTCTGTGGCAAGACAGAGAGCAGATCCGGGAGAGCTTGAAGAGAGACT 1020
Qy 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTCAGCGGAGAGATGCTGCGC 1080
Db 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTCAGCGGAGAGATGCTGCGC 1080
Qy 1081 CCAAGACCGGCGCGCGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140
Db 1081 CCAAGACCGGCGCGCGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140
Qy 1141 TCCCATGAGCTGATTGACAGCGGAGCTTGAAGAGCTGACATCTGAATTAACACAGGA 1200
Db 1141 TCCCATGAGCTGATTGACAGCGGAGCTTGAAGAGCTGACATCTGAATTAACACAGGA 1200
Qy 1201 GTCCGAGAGCTTCTCTCTCTGCTTAAGGAGAGAGCTCTGATGACGCGCATTTAC 1260
Db 1201 GTCCGAGAGCTTCTCTCTCTGCTTAAGGAGAGAGCTCTGATGACGCGCATTTAC 1260
Qy 1261 AATAAAGATATCACAGTGAATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 1320
Db 1261 AATAAAGATATCACAGTGAATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAG 1320
Qy 1321 CTTTGCATGAGAGAGATCTTTAGCGGCTGATGAGACCTTGTTTAACTTGAACCTTA 1380
Db 1321 CTTTGCATGAGAGAGATCTTTAGCGGCTGATGAGACCTTGTTTAACTTGAACCTTA 1380
Qy 1381 TCTCGAGAGCTTGCCTCTGCGCTGAGAACTGTTTCTGAGCGCTGAGAGAGAGAGTAACTA 1440
Db 1381 TCTCGAGAGCTTGCCTCTGCGCTGAGAACTGTTTCTGAGCGCTGAGAGAGAGAGTAACTA 1440

QY 1441 GCATCTCCAAATTTTCAGAGCTCAAGAACTTGGCCCCCAGAGACTTCCAGATGTAC 1500
Db 1441 GCATCTCCAAATTTTCAGAGCTCAAGAACTTGGCCCCCAGAGACTTCCAGATGTAC 1500
QY 1501 ATTGGCCCTCAGTCCCTCCGATGTGCTTCCGACCCCAATTTCCCAAGCCCTGAC 1560
Db 1501 ATTGGCCCTCAGTCCCTCCGATGTGCTTCCGACCCCAATTTCCCAAGCCCTGAC 1560
QY 1561 CCCCTAGCTGCGGGGTTCCCACTCCAGTGCACAAACCCCTCAGCTCCCTGGAGCC 1620
Db 1561 CCCCTAGCTGCGGGGTTCCCACTCCAGTGCACAAACCCCTCAGCTCCCTGGAGCC 1620
QY 1621 CCTCAGCAGCCTTGAAGCCCAACCCGCTGCTCCCAAGACATGTCTCCCTCCAG 1680
Db 1621 CCTCAGCAGCCTTGAAGCCCAACCCGCTGCTCCCAAGACATGTCTCCCTCCAG 1680
QY 1681 GCTGTGGCCAGGAAACCGGGGCGCGTGGGAAAGAGCTGTGCTGAGCATGTTTCA 1740
Db 1681 GCTGTGGCCAGGAAACCGGGGCGCGTGGGAAAGAGCTGTGCTGAGCATGTTTCA 1740
QY 1741 TAAAGTGTCTGTGCTGGAG 1760
Db 1741 TAAAGTGTCTGTGCTGGAG 1760

RESULT 13

US-10-176-918-5

Sequence 5, Application US/10176918
Publication No. US20030027275A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Desnoyers, Luc
APPLICANT: Filvarole, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P330R1C382
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 5
LENGTH: 1760
TYPE: DNA
ORGANISM: Homo Sapien
US-10-176-918-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Gaps 0;
Matches 1760; Conservative 0; Indels 0;

QY 1 CCCGCTGCCCCGCTGCTCTCTCCCGTGGTTTCCCTTCCAGTTCCCCAGTGTCTGC 60
Db 1 CCCGCTGCCCCGCTGCTCTCTCCCGTGGTTTCCCTTCCAGTTCCCCAGTGTCTGC 60
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Db 61 CCTACGACCCCGATGGCGGAGCTGCGGCTAGCGGCGCCCGCGGCCCAACCGCGCCCC 120
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Db 121 GGCCCCCTGGCCGACGTGCCCCCGGCGCTTGCTGCTCTTTCCCCCGGAGCTGACGC 180
QY 181 CATCTACGAGAGTCCCGCGCTTTTACCTTACCGAGCCGAACCCGCTCCAGGTTACCGC 240
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 QY 1441 GCATCTCAATTTTCAGAGCTCAAGAACTTGSCCCCAAGAGACTTGCAGATGTAC 1500
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 QY 1621 CCTCAGGAGGCTGAGGCGGACCGGCTGCTCCCAAGACATGCTCCCTCCATGG 1680
 Db 1621 CCTCAGGAGGCTGAGGCGGACCGGCTGCTCCCAAGACATGCTCCCTCCATGG 1680
 QY 1681 GCTGTGCGCCAGGAGACCGGGCGGGTGGAGAGAGCTGTGGCTCGGCATGTTCAA 1740
 Db 1681 GCTGTGCGCCAGGAGACCGGGCGGGTGGAGAGAGCTGTGGCTCGGCATGTTCAA 1740
 QY 1741 TAAAGTGTGTGTGCTGGAG 1760
 Db 1741 TAAAGTGTGTGTGCTGGAG 1760

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OM protein - protein search, using sw model

Run on: April 9, 2004, 15:35:05 ; Search time 22 Seconds
(without alignments)
1016.093 Million cell updates/sec

Title: US-09-581-742b-2

Perfect score: 2334

Sequence: 1 MAELRPSGAPPTAPAPAPG.....EGAFATBHPYAHGFWQL 433

Scoring table:

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Gapop 10.0, Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

Issued Patents PA:*
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2: /cgn2_6/prodata/2/iaa/5b_COMB.pep:*
3: /cgn2_6/prodata/2/iaa/6a_COMB.pep:*
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6: /cgn2_6/prodata/2/iaa/backfillset1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2327	99.7	484	4 US-09-581-831-2	Sequence 2, Appl
2	743.5	31.9	468	4 US-09-581-831-5	Sequence 5, Appl
3	106.5	4.6	647	4 US-09-252-991A-24935	Sequence 24935, A
4	102	4.4	383	4 US-09-252-991A-29621	Sequence 29621, A
5	101	4.3	1001	4 US-08-884-569A-2	Sequence 2, Appl
6	99	4.2	535	4 US-09-252-991A-21805	Sequence 21805, A
7	98.5	4.2	1436	2 US-08-652-971-2	Sequence 2, Appl
8	98.5	4.2	1436	2 US-08-991-258A-2	Sequence 2, Appl
9	98.5	4.2	1436	2 US-08-769-399-2	Sequence 2, Appl
10	98.5	4.2	1436	3 US-08-991-953A-2	Sequence 2, Appl
11	98	4.2	262	3 US-08-946-914-14	Sequence 14, Appl
12	98	4.2	262	4 US-08-656-450-14	Sequence 14, Appl
13	97.5	4.2	355	4 US-08-483-533-41	Sequence 41, Appl
14	97.5	4.2	355	4 US-09-283-471A-41	Sequence 41, Appl
15	97.5	4.2	355	5 PCT-US91-06532-3	Sequence 3, Appl
16	97	4.2	380	2 US-09-026-587-4	Sequence 4, Appl
17	97	4.2	380	2 US-09-237-420-4	Sequence 4, Appl
18	97	4.2	380	4 US-09-387-811-4	Sequence 4, Appl
19	97	4.2	635	4 US-08-417-197-125	Sequence 125, App
20	96.5	4.1	362	2 US-09-055-097-7	Sequence 7, Appl
21	96.5	4.1	362	4 US-09-118-464-6	Sequence 6, Appl
22	96.5	4.1	362	4 US-09-373-902-7	Sequence 7, Appl
23	95.5	4.1	351	2 US-08-868-288A-6	Sequence 6, Appl
24	95.5	4.1	351	3 US-09-235-373-6	Sequence 6, Appl
25	95.5	4.1	351	3 US-09-388-993-6	Sequence 6, Appl
26	95.5	4.1	1447	3 US-09-041-886-25	Sequence 25, Appl
27	95.5	4.1	1447	5 PCT-US94-05277-2	Sequence 2, Appl

28	95.5	4.1	3224	2 US-08-705-660-34	Sequence 34, Appl
29	95.5	4.1	3224	3 US-08-989-045-34	Sequence 3, Appl
30	95	4.1	504	3 US-09-219-849-3	Sequence 3, Appl
31	95	4.1	561	3 US-08-642-255-52	Sequence 52, Appl
32	95	4.1	720	3 US-09-219-849-4	Sequence 4, Appl
33	95	4.1	777	3 US-08-642-255-53	Sequence 53, Appl
34	94.5	4.0	960	3 US-09-219-849-5	Sequence 5, Appl
35	93	4.0	589	4 US-09-963-137-213	Sequence 213, App
36	92.5	4.0	719	4 US-08-765-907A-15	Sequence 15, Appl
37	92	3.9	264	1 US-08-562-311-4	Sequence 4, Appl
38	92	3.9	879	4 US-10-072-094-90	Sequence 90, Appl
39	92	3.9	1011	4 US-10-072-094-89	Sequence 89, Appl
40	92	3.9	1069	4 US-10-072-094-87	Sequence 87, Appl
41	91.5	3.9	1321	2 US-08-317-310A-64	Sequence 64, Appl
42	91	3.9	144	1 US-08-642-255-49	Sequence 49, Appl
43	91	3.9	234	4 US-08-642-255-51	Sequence 51, Appl
44	91	3.9	1028	4 US-09-328-352-5749	Sequence 5749, Ap
45	90.5	3.9	1093	3 US-08-545-860D-55	Sequence 55, Appl

ALIGNMENTS

RESULT 1					
US-09-581-831-2					
Sequence 2, Application US/09581831					
Patent No. 6448020					
GENERAL INFORMATION:					
APPLICANT: TOPTCARD, RINE					
APPLICANT: ZAPHIROPOULOS, PETER G.					
APPLICANT: KOSEMAN, RILIT					
APPLICANT: GRIMM, THOMAS					
TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED					
FILE REFERENCE: 50695-60568					
CURRENT APPLICATION NUMBER: US/09/581, 831					
CURRENT FILING DATE: 2000-08-21					
PRIOR APPLICATION NUMBER: PCT/SE98/02383					
PRIOR FILING DATE: 1998-12-18					
PRIOR APPLICATION NUMBER: 9704788-0					
PRIOR FILING DATE: 1997-12-19					
PRIOR APPLICATION NUMBER: 98022293-2					
PRIOR FILING DATE: 1998-06-26					
NUMBER OF SEQ ID NOS: 5					
SOFTWARE: Patentin Ver. 2.1					
SEQ ID NO 2					
LENGTH: 484					
TYPE: PRT					
ORGANISM: Homo sapiens					
US-09-581-831-2					
Query Match					
Best Local Similarity 99.7%; Score 2327; DB 4; Length 484;					
Matches 431; Conservative 1; Mismatches 1; Indels 0; Gaps 0;					
QY	1	MAELRPSGAPPTAPAPAPGPTAPAPAFASLFPFGHAIATGECRRLYPPQPNLYQTATVXY	60		
DB	1	MAELRPSGAPPTAPAPAPGPTAPAPAFASLFPFGHAIATGECRRLYPPQPNLYQTATVXY	60		
QY	61	WLGDPDLDYVSMTRNVGSPSANTPEHWYISFGLSDLYGNRYVHEFTGTGPGGFGEL	120		
DB	61	WLGDPDLDYVSMTRNVGSPSANTPEHWYISFGLSDLYGNRYVHEFTGTGPGGFGEL	120		
QY	121	TPRLRENGESAPPTAPAPALMOGLARYFOSENFSCGDHVSMSPLDENSESRIOHMLLT	180		
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QY	181	EDPQMPVQTPPGVTVFQIVGVCTEEHLSAQONNGGILBLRTVPJAGGFWITDMRR	240		
DB	181	EDPQMPVQTPPGVTVFQIVGVCTEEHLSAQONNGGILBLRTVPJAGGFWITDMRR	240		
QY	241	GETFEIDPHIOERDKGIEITDGSNLGVSASKAMDLSRPPEDDEDSRISICIGTPRL	300		
DB	241	GETFEIDPHIOERDKGIEITDGSNLGVSASKAMDLSRPPEDDEDSRISICIGTPRL	300		

Db 241 GETIFIDPHLOQRVVKIETDGSNLSGVSAKACAMDLSRPEDDESSICIGTOPREL 300
QY 301 SGKDTQIRRETLRGLRGLNSKPVLPINFORONGLANDRAPSRSKDSLESSTAIIPHEL 360
Db 301 SGKDTQIRRETLRGLRGLNSKPVLPINFORONGLANDRAPSRSKDSLESSTAIIPHEL 360
QY 361 IRTROLESVHLKRNQESGALIPCLGRGLHGHFTYKSTGTGMATTFSTGYEGAFATE 420
Db 361 IRTROLESVHLKRNQESGALIPCLGRGLHGHFTYKSTGTGMATTFSTGYEGAFATE 420
QY 421 EHPYAAHGPMLQI 433
Db 421 EHPYAAHGPMLQI 433
Db 421 EHPYAAHGPMLQI 433
RESULT 2
US-09-581-831-5
Sequence 5, Application US/09581831
Patent No. 6448020
GENERAL INFORMATION:
APPLICANT: TOFTGARD, RUNE
APPLICANT: ZAPHIROPOULOS, PETER G.
APPLICANT: KOGEMAN, PRIT
APPLICANT: GRIMM, THOMAS
TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED
TITLE OF INVENTION: GENE
FILE REFERENCE: 50695-60568
CURRENT APPLICATION NUMBER: US/09/581,831
CURRENT FILING DATE: 2000-08-21
PRIOR APPLICATION NUMBER: PCT/SE98/02383
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 9704788-0
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 9802293-2
PRIOR FILING DATE: 1998-06-26
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
LENGTH: 468
TYPE: PRT
ORGANISM: Drosophila melanogaster
US-09-581-831-5
Query Match 31.9%; Score 743.5; DB 4; Length 468;
Best Local Similarity 37.2%; Pred. No. 2.9e-62;
Matches 160; Conservative 64; Mismatches 143; Indels 63; Gaps 9;
QY 31 PPGHATYGEGRRLYPPOPNPLQVTAIVKWLGGPDLVDVSMYRNVGSPSANIPEHMY 90
Db 15 PPGHATYGEGRRLYPPOPNPLQVTAIVKWLGGPDLVDVSMYRNVGSPSANIPEHMY 90
QY 91 ISFGSLDYGDNRYHEFTGDPGSGFGEHLLTFLKRETE-----SAPPTWPAE 139
Db 75 ISFGSLDYGDNRYHEFTGDPGSGFGEHLLTFLKRETE-----SAPPTWPAE 139
QY 140 IMQGLARVPSSEHTFCGSDHVSWSPLDNS-ESRIGMLTTEPOMQVOTPRGVYTL 198
Db 140 IMQGLARVPSSEHTFCGSDHVSWSPLDNS-ESRIGMLTTEPOMQVOTPRGVYTL 198
QY 135 LLQATGRYCFQGTGGLCGDNIIPKRSIDGSTTKDQLVLAQDPQAGCCTIDPGLYDFC 194
Db 135 LLQATGRYCFQGTGGLCGDNIIPKRSIDGSTTKDQLVLAQDPQAGCCTIDPGLYDFC 194
QY 199 QIVGCTEELHSAQOMNGGILRLTVPIAGFWLITDMRGTEIFIDPHLOQRVVK 258
Db 199 QIVGCTEELHSAQOMNGGILRLTVPIAGFWLITDMRGTEIFIDPHLOQRVVK 258
QY 195 QIVGCTEELHSAQOMNGGILRLTVPIAGFWLITDMRGTEIFIDPHLOQRVVK 258
Db 195 QIVGCTEELHSAQOMNGGILRLTVPIAGFWLITDMRGTEIFIDPHLOQRVVK 258
QY 259 IETDGSNLSGVSAKACAMDLSRPE-----DDDSRSICIGTOPREL 303
Db 259 IETDGSNLSGVSAKACAMDLSRPE-----DDDSRSICIGTOPREL 303
QY 255 LEKQSSDLAAGVADSSFEELKPYKEVEEVDFOALSEKACAMDEKRL-----T 303
Db 255 LEKQSSDLAAGVADSSFEELKPYKEVEEVDFOALSEKACAMDEKRL-----T 303
QY 304 DTEQIRETLRGLRGLNSKPVLPINFORONGLANDRAPSRSKDSLESSTAIIPHEL 363
Db 304 DTEQIRETLRGLRGLNSKPVLPINFORONGLANDRAPSRSKDSLESSTAIIPHEL 363
QY 304 DTQMKRE-----EPSPFQSMSSNSL-HKSCPL--DFOAQAPNCI----- 341
Db 304 DTQMKRE-----EPSPFQSMSSNSL-HKSCPL--DFOAQAPNCI----- 341
QY 364 ROLESVHLKRNQESGALIPCLGRGLHGHFTYKSTGTGMATTFSTGYEGAFATE 423
Db 364 ROLESVHLKRNQESGALIPCLGRGLHGHFTYKSTGTGMATTFSTGYEGAFATE 423

Db 342 -SLDGIETTLAPGAKVLLAIKDIRHGHFTYK--QHLALTLVAESYGSATVNEP 398
QY 424 YAHGPMQL 433
Db 399 YGVLGYWIVQ 408
RESULT 3
US-09-252-991A-24935
Sequence 24935, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 24935
LENGTH: 647
TYPE: PRT
ORGANISM: Pseudomonas aeruginosa
FEATURES:
NAME/KEY: UNSURE
LOCATION: (148),(170)
OTHER INFORMATION: Identity of amino acid at the above locations are unknown.
US-09-252-991A-24935
Query Match 4.6%; Score 106.5; DB 4; Length 647;
Best Local Similarity 24.1%; Pred. No. 0.21;
Matches 75; Conservative 45; Mismatches 122; Indels 69; Gaps 19;
QY 16 PAPGTPAPPAASLFPF---GLH---TYG---ECRLYPDPNPLOVTAIVKWLG-GPD 66
Db 234 PEPGGRDLAIGSIFNSVGYELHANEQYGAEDAPVSTPLMNPQDLRV--QNTGPNV 291
QY 67 PUDYVSMR---NVGSPANIPHEHMYISFGL-SDLYGDNRYHEFTGDPGSGFGEHLLT 122
Db 292 HINVEIDNRKEDVYALARNGE-----AVGVADVKLSPISQALHIGYSSINVDLI 346
QY 123 RUKRETSAPPTWPAEIM-----QGLARYVPSSEHTFCGSDHVSWSPLDNSSR 173
Db 347 RIEDQLGQLKPFAMENQLFGAPEPTVAEGRELY---RQHS---SCHTFLRNDLR 397
QY 174 IQHMLTDPQMPQVOTPRGVYTLFQIVGCTEELHSAQOMNGGILRLTVPIAGFW 233
Db 398 -----TPVKT---VLIHQARGVAP--IGTDPYACNSINQKTGYRGKPY 440
QY 234 LI---TDNR--RGTEIFIDPHLOQRVVKIETDGSNLS---GVSAKACAMD---DLR 280
Db 441 LSFVFGQGRGYKQAVADV-LQEVVVQALARGLSVALGAFQTAALGIFDQQLPLIS 499
QY 261 PREDDEDSRSI 291
Db 500 FVPDSPDADSV 510
RESULT 4
US-09-252-991A-29621
Sequence 29621, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 29621
 LENGTH: 383
 TYPE: PRT
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-29621

Query Match 4.4%; Score 102; DB 4; Length 383;
 Best Local Similarity 21.3%; Pred. No. 0.26;
 Matches 60; Conservative 33; Mismatches 125; Indels 64; Gaps 9;

QY 6 PGAGPTAPAPGPTAPAPASLFPPLGALVGEGRLLPDQNPLOVTAIKYMLGGP 65
 DB 63 PMATPWCATPATRSSPFTSTSRMP-----CR-----TYSITPSTLAGP 104
 QY 66 DPLDYVMYRNVSPPSANIDPHWHYISFGSLDYGNRHEFTGDPGSGFELTFR-- 123
 DB 105 TPRATSSAPMASTASTVPR-----AGAPTRSTHRSPTSCNSRSTRASERSRQT 158
 QY 124 LKRETSAP---PTWAEMLQGLARYVPOSENFCGDSVMSPLDNESRICHMLLT 180
 DB 159 MKRQTMNTRPSPLEPIWQALAGAFAYASQAAYA-----DSLSERLRQLMS 207
 QY 181 EDPMQVQTEPFVGVTELOVGVCTEELHSAQWNGGILELRTVPIAGPWLITDMR 240
 DB 208 TTQQLQALQT-----EQAQATAKALLESQRDALAQVQLSALR 249
 QY 241 ---GETIFELDPHLQERVDKGIETDGSNLSGVSAKAMDL 278
 DB 250 AKGQAEQLSAQQGGLHDAQRQWEASNEQLG--KYKAYDEL 289

RESULT 5
 US-08-884-569A-2
 Sequence 2, Application US/08884569A
 Patent No. 6399326
 GENERAL INFORMATION:
 APPLICANT: CHANG, MING-KO
 APPLICANT: FLANAGAN, JOHN G.
 TITLE OF INVENTION: RECEPTOR TYROSINE PHOSPHATASE, AND USES RELATED THERETO
 FILE REFERENCE: HW-020 01
 CURRENT APPLICATION NUMBER: US/08/884,569A
 PRIOR FILING DATE: 1997-06-27
 PRIOR APPLICATION NUMBER: 60/021,040
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 2
 LENGTH: 1001
 TYPE: PRT
 ORGANISM: Mus sp.
 US-08-884-569A-2

Query Match 4.3%; Score 101; DB 4; Length 1001;
 Best Local Similarity 20.9%; Pred. No. 1.3;
 Matches 81; Conservative 53; Mismatches 138; Indels 116; Gaps 19;

QY 10 PGTPAPAP---GTPAPAPASLFPPLG-----HAHYGECRL-----YDPQF 49
 DB 16 PLPRALPAPASARQCPJGRGLCFEDGLGSLCETCVNDGVFGCQCPVMDTYRYEVP 75
 QY 50 NP---LQVTAIVKXWLGPPDLVSMYRNVSANIPH---WHYISFGLSLDYGNRY 104
 DB 76 GAIHAKVTLQKLSRTGTWDDTQ--RVIAQFLALPFAVYMH-----GE--- 120
 QY 105 HEFTGDPG---GFGFELTFRKLTGTSAPPTWAEMLQGLARYVQSENFCSDG 159
 DB 121 ---TSGARSLQONDNNEKWFLESEVA-----LAKTLRYLYL- 158

QY 160 HVSMSPLDNESRICHMLTEDPQWQPVQ---TPFGVTELOVGVCTEELHSAQW 215
 DB 159 ---LISQTPFANHSRDH-----ETRPKEDSSENLILYVHTSALTYPAPTRAKXP 210
 QY 216 GGGIIEELRTVPIAGPWLITDMRGETIFELDPHLQERVDKGIETD-----GSV-- 265
 DB 211 DNLIRPFRLOPDELSPVDDIDQKLIAGVTAQRLPG--ENDEPRYLVSRSRA 268
 QY 266 ---LSGVSAKAMDDLSPDEDEDSRISICGTQPRLSKXQTEQIRETLRGLINSKP 322
 DB 269 PRPFSATLSQWPE---PPGDADKSPM-----DDTLQSLKDLQONSE- 312
 QY 323 VLPINPQRLQGLADRAPSRKDSIED 350
 DB 313 ---VDRLGPLEKKEKADSVAGAIQSD 334

RESULT 6
 US-09-252-991A-21805
 Sequence 21805, Application US/09252991A
 Patent No. 6551795
 GENERAL INFORMATION:
 APPLICANT: Marc J. Rubenfield et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
 FILE REFERENCE: 107196.136
 CURRENT APPLICATION NUMBER: US/09/252,991A
 PRIOR FILING DATE: 1999-02-18
 PRIOR APPLICATION NUMBER: US 60/074,788
 PRIOR FILING DATE: 1998-02-18
 PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
 NUMBER OF SEQ ID NOS: 33142
 SEQ ID NO 21805
 LENGTH: 535
 TYPE: PRT
 ORGANISM: Pseudomonas aeruginosa
 US-09-252-991A-21805

Query Match 4.2%; Score 99; DB 4; Length 535;
 Best Local Similarity 20.1%; Pred. No. 0.81;
 Matches 59; Conservative 29; Mismatches 90; Indels 116; Gaps 12;

QY 26 FASLPPGALHAYGECRLTPDQNPLOVTAIVKXWLGPPDLVSMYRNV-----GS 79
 DB 72 YAMLPVAILCMGSSR-----YLVSGPFAAISVLLFSSVAPLAPFGS 114
 QY 80 PS-----ANIPHHYISF----- 93
 DB 115 PQYQAVLLTFELAGAFQMLGLVLRVGSLVNFSVSHVGLFTLGAALLIVLGQEPYLLGL 174
 QY 94 ---GLSDYVDNRRVHEFTGDPG---GFGFELTFRKLTGTSAPPTWAEML--MQ 142
 DB 175 NAGSGAAPGNGWRLIARFAEPDPSLVGFSPLSLVYR---LRPMPALLGLL 229
 QY 143 GLARYVQSENFCGSDHV-----SWHSPDNSESRIQHMLTEDPQWQPVQTP--- 191
 DB 230 GGATLVWMLPGFPAVAVQALSSALPGMNLVFDSSRII-----DLIPAAVACGM 280
 QY 192 PGVTFLOIVGCT---EELHSAQWNGGILELRTVPIAGPWLITDMRG 241
 DB 281 IGLVTSLSIARLAAARQDAPDANQEVRAQGLSNLL-----GFWLSASLSAG 327

RESULT 7
 US-08-652-971-2
 Sequence 2, Application US/08652971
 Patent No. 5814507
 GENERAL INFORMATION:
 APPLICANT: Cheng, Jili
 APPLICANT: Laaky, Laurence A.
 TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE
 TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA

NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd.
 CITY: South San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/652,971
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Dreger, Ginger R.
 REGISTRATION NUMBER: 33,055
 REFERENCE/DOCKET NUMBER: P1033
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 225-3216
 TELEFAX: (415) 982-9881
 TELEK: 910 371-7168
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1436 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-652-971-2

Query Match 4.2%; Score 98.5; DB 2; Length 1436;
 Best Local Similarity 19.4%; Pred. No. 3.9;
 Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;

```

QY 46 PDQNPLOVTAIVKWLGGPDDLDVSVYRVNGS--PSANIP-----EHWYIS 92
DB 510 PDEPNGL---ITQYEIS-----YQSISSDPANVNGPRRTISKLNETHYVFS 555
QY 93 -----FG--LSDLYGDNRVHEFTGDDPSGFG----- 117
DB 556 NLHPGTTYLFSVRARTSKGFGQALTEITNTISAPSFYADMPSPGSESENTITVLLRPA 615
QY 118 -----FELTRFKRETGF--SAPPTWAEIMOGIARVYVQSE----- 152
DB 616 QGRGAPISVYOVVVEERPRRLRREPAGADCFVPLTFETALARGLVHY-FGAEIASSL 674
QY 153 ---NTFCSDHVS---WHSPUD-----NSBSRIQHMILTEDPQMPQVQT 190
DB 675 LEAMPTVDNGQTYRFGWNPPLERPKAYLIYFOASHLKGFTRLNCIRAKKACKESKR 734
QY 191 PFGVVTFLQ---IVGVCTBEIHSAQWNGGILBELRTVPIAGSPWILTMERGELTI-- 244
DB 735 PLEVSQRSEEMGLIIGICA-----GGLAVLILLGA-----IIVIRKGPVNM 778
QY 245 -----FEIDPHEQRYDKGIETDGSNLS-----GVSAKCAWDLSPPEDEDDSDS--- 288
DB 779 TKATVYVROEKTHMMSAYDRSR-TDQSTLQEDERGLGS--FMDAPGSPRGDQSGGVT 834
QY 289 -RSITIGTQPRRLSK---DTQIIRETLRGGLINSKPYLPPIINPOR-QNGLAHNR-- 339
DB 835 EASSLLGSGPRRRCRKGSPYHTGQLHRAVR-----VADLLQHNQWKTAEVGYGFKQEX 888
QY 340 -----APSRKDLSEDSSTAILPH-----ELIIRTOLESVHLKFN- 374
DB 889 BSFFEGMDATKCKDKLKGGRQEPVSAYDRHNYKLMPLADDAVDISANIYIDGHRBNHF 948
QY 375 -----QESGALIPLCGR-----GRLIHGRHFTYS-ITGDMAITFVS 410
DB 949 IATGPKPEMIYDFWRMFWQBOCASIWMITKLVEGVKCSRWPEBDMYGDIKITLVK 1008
  
```

QY 411 TG-----VEGAFATEHPHYAA 426
 DB 1009 TETLAEVYVTRTFALERRGYSA 1029

RESULT 8
 US-08-991-258A-2
 Sequence 2, Application US/08991258A
 Patent No. 5928887
 GENERAL INFORMATION:
 APPLICANT: Cheng, Jili
 TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE
 TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: FLEHER, HOBBACH, TEST, ALBERTSON & HERBERT, LLP
 STREET: 4 Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: IBM PC compatible
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/991,258A
 FILING DATE: 17-DEC-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/652,971
 FILING DATE: 24-MAY-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Dreger, Walter H.
 REGISTRATION NUMBER: 24,190
 REFERENCE/DOCKET NUMBER: A-63478-3/WHD/MTK
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 TELEK:
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1436 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-991-258A-2

Query Match 4.2%; Score 98.5; DB 2; Length 1436;
 Best Local Similarity 19.4%; Pred. No. 3.9;
 Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;

```

QY 46 PDQNPLOVTAIVKWLGGPDDLDVSVYRVNGS--PSANIP-----EHWYIS 92
DB 510 PDEPNGL---ITQYEIS-----YQSISSDPANVNGPRRTISKLNETHYVFS 555
QY 93 -----FG--LSDLYGDNRVHEFTGDDPSGFG----- 117
DB 556 NLHPGTTYLFSVRARTSKGFGQALTEITNTISAPSFYADMPSPGSESENTITVLLRPA 615
QY 118 -----FELTRFKRETGF--SAPPTWAEIMOGIARVYVQSE----- 152
DB 616 QGRGAPISVYOVVVEERPRRLRREPAGADCFVPLTFETALARGLVHY-FGAEIASSL 674
QY 153 ---NTFCSDHVS---WHSPUD-----NSBSRIQHMILTEDPQMPQVQT 190
DB 675 LEAMPTVDNGQTYRFGWNPPLERPKAYLIYFOASHLKGFTRLNCIRAKKACKESKR 734
QY 191 PFGVVTFLQ---IVGVCTBEIHSAQWNGGILBELRTVPIAGSPWILTMERGELTI-- 244
DB 735 PLEVSQRSEEMGLIIGICA-----GGLAVLILLGA-----IIVIRKGPVNM 778
  
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QY 245 -----FEIDPHIQRVDKGIETDGSNLS-----GVSAKCAMDLSRPEDDSDS----- 288
 Db 779 TKATVNRQKRTKTHMSAVDRSF--TDOSTLOEDERLGLS--FMDAPGYSFRGQRGSGVT 834
 QY 289 -RSICIGTQPRRLSGK-----DTEQIRRETLRGLRLEINSKPVLPINPQR-ONGLAHDR-- 339
 Db 835 EASLLGSGPRRPGCGKSGPYHTGQLHPAVR-----VADLQHINQMKTAEGYGFQXCY 888
 QY 340 -----APSRKDSLESDSTALIPH-----ELIRTRQLESYHLKFN- 374
 Db 889 ESFEFGMDATKKDKLKGROEPVSAVDHRHVKLHPMLADPDADYISANYIDGYHRSNHF 948
 QY 375 -----QESGALIPLCUR-----GRLLHGRHFTYKS-ITGDMATTFVS 410
 Db 949 IATQPKPEMIYDFMRVWQEQCASIVMTKLVGVGRKCSRVPEDSDMYGDIKITLVK 1008
 QY 411 TG-----VEGAFATHEHPYAA 426
 Db 1009 TETLAEVYVRTFALERRGYSA 1029

RESULT 9
 US-08-769-399-2
 ; Sequence 2, Application US/08769399
 ; Patent No. 5976852
 ; GENERAL INFORMATION:
 ; APPLICANT: Cheng, Jili
 ; APPLICANT: Lasky, Laurence A.
 ; TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE
 ; TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 460 Point San Bruno Blvd.
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: United States
 ; ZIP: 94080
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/769,399
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Dreger, Ginger R.
 ; REGISTRATION NUMBER: 33,055
 ; REFERENCE/DOCKET NUMBER: P1033
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 225-3216
 ; TELEFAX: (415) 952-9881
 ; TELEX: 910 371-7168
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1436 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-769-399-2

Query Match 4.2%; Score 98.5; DB 2; Length 1436;
 Best Local Similarity 19.4%; Pred. No. 3.9; Indels 221; Gaps 29;
 Matches 109; Conservative 64; Mismatches 167;
 Db 46 PDQNPLOVTAIVKYLWGPPDLIVGMYRNVGS--PSANIP-----EHWHYIS 92
 510 PQENGL---ITQYEIS-----YQSISSDPANVVPGRRTISLRLNETYHVS 555
 QY 93 -----FG---LSDLXGDNRVHETGTGDSGFG----- 117

Db 556 NLHPGTYLFSVRARTSKGFGQALTEITNLSAPSPDYAMPPLPSESSENTITVLLRPA 615
 QY 118 -----FELTFRLKRETEGE-----SAPPTPAPALMGLARYVQSE----- 152
 Db 616 QGRGAPISVYGVVVEEENPRRLRREPQAQDCFSVLTFTALRGLVHY-FGALLAASL 674
 QY 153 ---NTEFCGSDHVS-----WHSPLD-----NSBSRIQHMLITEDPQMCPVQT 190
 Db 675 LEAMFTVQDNQOTRGFNPPLEPRKAVLIYFOASHLKESTRNLCRIAKAACKSKR 734
 QY 191 PFGVTFIQ-----IVGCTEELHSAQWNGGIIELRTVPIAGCPMLITMREGETI-- 244
 Db 735 FLEVQRSEEMGLILIGICA-----GGLAVILILIGA-----ITVIRKQKPVNM 778
 QY 245 -----FEIDPHIQRVDKGIETDGSNLS-----GVSAKCAMDLSRPEDDSDS----- 288
 Db 779 TKATVNRQKRTKTHMSAVDRSF--TDOSTLOEDERLGLS--FMDAPGYSFRGQRGSGVT 834
 QY 289 -RSICIGTQPRRLSGK-----DTEQIRRETLRGLRLEINSKPVLPINPQR-ONGLAHDR-- 339
 Db 835 EASLLGSGPRRPGCGKSGPYHTGQLHPAVR-----VADLQHINQMKTAEGYGFQXCY 888
 QY 340 -----APSRKDSLESDSTALIPH-----ELIRTRQLESYHLKFN- 374
 Db 889 ESFEFGMDATKKDKLKGROEPVSAVDHRHVKLHPMLADPDADYISANYIDGYHRSNHF 948
 QY 375 -----QESGALIPLCUR-----GRLLHGRHFTYKS-ITGDMATTFVS 410
 Db 949 IATQPKPEMIYDFMRVWQEQCASIVMTKLVGVGRKCSRVPEDSDMYGDIKITLVK 1008
 QY 411 TG-----VEGAFATHEHPYAA 426
 Db 1009 TETLAEVYVRTFALERRGYSA 1029

RESULT 10
 US-08-991-953A-2
 ; Sequence 2, Application US/08991953A
 ; Patent No. 6083748
 ; GENERAL INFORMATION:
 ; APPLICANT: Cheng, Jili
 ; APPLICANT: Lasky, Laurence A.
 ; TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE
 ; TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA
 ; NUMBER OF SEQUENCES: 10
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT, LLP
 ; STREET: 4 Embarcadero Center, Suite 3400
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: United States
 ; ZIP: 94111
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/991,953A
 ; FILING DATE: 16-DEC-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/652,971
 ; FILING DATE: 24-MAY-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Dreger, Walter H.
 ; REGISTRATION NUMBER: 24,190
 ; REFERENCE/DOCKET NUMBER: A-63478-3/WHB/MTX
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 781-1989
 ; TELEFAX: (415) 398-3249
 ; TELEX:

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
 LENGTH: 1436 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-991-953A-2

Query Match 4.2%; Score 98.5; DB 3; Length 1436;
 Best Local Similarity 19.4%; Pred. No. 3.9; Indels 221; Gaps 29;
 Matches 109; Conservative 64; Mismatches 167;

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QY 46 PDGPNPQVTAIVKYLWGLGPPDLDVSMYRNVGS--PSANIP-----EHHMYIS 92
DB 510 PDENGL-----ITQYBIS-----YQSISSDPAAVAVPGPRRTISLKNETLHVHS 555
QY 93 -----FG-----LSLDYGNRVHETGCTGDSGSG----- 117
DB 556 NLHPGTYLFSVARARISKFGQALVETTTNISAPSDYADWSPJGSESENTITVLLRPA 615
QY 118 -----FELTFLKNETGE-----SAPPTWPAELMOGLARYVFOSE----- 152
DB 616 QGRGAPISVYQVAVVEERPRRLRREPGACDFSVPLTFETALARGLVHY--FGAELASSL 674
QY 153 ---NTFGSGDHVS---WHSPLD-----NBSRIQHMILTDEQMPQVQT 190
DB 675 LEAMPFTVGNQTYRGFWNPPLERKAYLIYFQASHLKETRLNCRKARKACKESK 734
QY 191 PFGVATFLQ---IVGCTEELHSAQOMNGQILELRTVPIAGPMLITDMRGRTI-- 244
DB 735 PLEVSQSEEMGLLIGICA-----GGIAVLILLGA-----IIVIKKGPVNM 778
QY 245 -----FEIDPHIOERYDKGILETDSNLS-----GVASACANDLSRPDEDEDS-- 288
DB 779 TKATVNYROEKTHMMSAVDRSF--TDOSTLQEDERLIGS---FMDAPGYSRGGQSGGV 834
QY 289 -RSICIGQPRRLSGK---DTEQIRETLRGLKINSKPVLPINPQR--QNGLAHDR-- 339
DB 835 EASSLLGSPRRPGCRKSGPYHTQGLHPAYR-----VADLLGHINMKTAEGYGRQEV 888
QY 340 -----APSRKDSLESSTALIPH-----ELITROLESVHLKEN- 374
DB 889 ESFEGMDATKKDKLKGROEPYSAVDHRHVKLHPMLADPDADYISANYIDGHSNMF 948
QY 375 -----OESGALLIPLCAR-----GRLIGHRHITYKS--ITGMATIFVS 410
DB 949 IATGCFKPMIYDTRWRYWQEQASIVWITKLVAVGRKCSRWPEDSDWYGDIKITLVK 1008
QY 411 TG-----VEGAPATEEHPIYA 426
DB 1009 TETLAEVYVTFALERRGYSA 1029

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RESULT 11
 US-08-946-914-14
 Sequence 14, Application US/08946914
 Patent No. 6027916

GENERAL INFORMATION:
 APPLICANT: NI, Jian
 APPLICANT: Gentz, Retner L.
 APPLICANT: Ruben, Steven M.
 TITLE OF INVENTION: Galectin 8, 9, 10 and 10SV
 NUMBER OF SEQUENCES: 60
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.
 STREET: 1100 New York Ave., Suite 600
 CITY: Washington
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005-3934
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/946,914
 FILING DATE: Herewith

CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/028,093
 FILING DATE: 09-OCT-1996

ATTORNEY/AGENT INFORMATION:
 NAME: Steffe, Eric K.
 REGISTRATION NUMBER: 36,688

REFERENCE/DOCKET NUMBER: 1488.0560001/EKS/SGM
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-371-2600
 TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 262 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-946-914-14

Query Match 4.2%; Score 98; DB 3; Length 262;
 Best Local Similarity 36.3%; Pred. No. 0.35; Indels 16; Gaps 5;
 Matches 33; Conservative 5; Mismatches 37;

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QY 6 PSAGPPTAPPA-PGPTAPPAFASLFPGLHAIYGECCRLYPDPNPLOVTA----- 56
DB 68 PSAYPGPTAPPAFAYPGPTAPPAFPG--QGCGGAYSAFAGAYPSAFAGAYPATGPGAPTGP 125
QY 57 -IVKWL---GGPDLDVSMYRNVGSPSAN 83
DB 126 LTPYDMPLPGGWMPRMLITITIV--KENAN 155

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RESULT 12
 US-09-656-450-14

Sequence 14, Application US/09656450
 Patent No. 6468768

GENERAL INFORMATION:
 APPLICANT: NI, Jian

APPLICANT: Gentz, Retner L.
 APPLICANT: Ruben, Steven M.

TITLE OF INVENTION: Galectin 9 and 10SV Polynucleotides
 FILE REFERENCE: 1488.0560003

CURRENT APPLICATION NUMBER: US/09/656,450
 CURRENT FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: US 09/263,689
 PRIOR FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: US 08/946,914
 PRIOR FILING DATE: 1997-10-09

PRIOR APPLICATION NUMBER: US 60/028,093
 PRIOR FILING DATE: 1996-10-09

NUMBER OF SEQ ID NOS: 60
 SOFTWARE: Patentin version 3.0

SEQ ID NO 14

LENGTH: 262

TYPE: PRT

ORGANISM: Rat

US-09-656-450-14

Query Match 4.2%; Score 98; DB 4; Length 262;
 Best Local Similarity 36.3%; Pred. No. 0.35; Indels 16; Gaps 5;
 Matches 33; Conservative 5; Mismatches 37;

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DB 68 PSAYPGPTAPPAFAYPGPTAPPAFPG--QGCGGAYSAFAGAYPSAFAGAYPATGPGAPTGP 125
QY 57 -IVKWL---GGPDLDVSMYRNVGSPSAN 83

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Db      209 -----GPTGSGAGWRRPRSSGRWGPVPGPW 239
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Db      240 PAE-----PARRRSNV-----TPEAAWV 258
QY      197 FLQIVGVCTEELHSAQWNGGIIELRTVPIAGP-----WLTDMRG-----ETI 244
Db      259 FRGAPGSSAPSRSPERRRWOEPRIYTLGASPPSQGPPRGDWPICGRQGGARPTSVRV 318
QY      245 FEIDPHLOERYDKGIETDGSNLGVSAKCAMDDLRRP 282
Db      319 FGARPIGRELPNG---PGRPLPGWVTKNLQEALFRFP 353

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RESULT 15 PCT-US91-06532-3

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: Sequence 3, Application PC/TUS9106532
: GENERAL INFORMATION:
: APPLICANT: Roizman, Bernard
: TITLE OF INVENTION: Recombinant Herpes Simplex Viruses
: TITLE OF INVENTION: Vaccines and Methods
: NUMBER OF SEQUENCES: 8
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
: ADDRESSEE: Bicknell
: STREET: Two First National Plaza Suite 2100
: CITY: Chicago
: STATE: Illinois
: COUNTRY: USA
: ZIP: 60603
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US91/06532
: FILING DATE: 19910910
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: Gruber, Lewis S.
: REGISTRATION NUMBER: 30,060
: REFERENCE/DOCKET NUMBER: 27373/8235
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 312/346-5750
: TELEFAX: 312/384-9740
: TELEX: 25-3856
: INFORMATION FOR SEQ. ID NO. 3:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 355 amino acids
: TYPE: AMINO ACID
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: PCT-US91-06532-3

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Query Match      4.2%; Score 97.5; DB 5; Length 355;
Best Local Similarity 20.7%; Pred. No. 0.61;
Matches 70; Conservative 18; Mismatches 115; Indels 135; Gaps 12;

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Db      93 EARPTAAARPPGPRPAMARGAGLPTPT--PRASAFRRASPSACASPRSTWRACADA 151
QY      37 IYGECHRLIYDQNP-----LQYTAIVKTVLGGPDLIVSKTRVNGSPSA 82
Db      152 RAGRGRRSPRPFRPPRPGRGASRPTSCATWGSQPRPAPWAAARGPAS---208
QY      83 NIPEHWHYISFGLSLDYGDNRVHEFTGTGSPGFGFELFRLKRETCESA-----PPTW 136
Db      209 -----GPTGLSGAGWRRPRSSGRWGPVPGPW 239

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QY      137 PAELMOGLARYVFOSENTPCSGDHVSWHSPLDNSESRIQWMLTDEPQMOPVQTPFGVVT 196
Db      240 PAE-----PARRRSNV-----TPEAAWV 258
QY      197 FLQIVGVCTEELHSAQWNGGIIELRTVPIAGP-----WLTDMRG-----ETI 244
Db      259 FRGAPGSSAPSRSPERRRWOEPRIYTLGASPPSQGPPRGDWPICGRQGGARPTSVRV 318
QY      245 FEIDPHLOERYDKGIETDGSNLGVSAKCAMDDLRRP 282
Db      319 FGARPIGRELPNG---PGRPLPGWVTKNLQEALFRFP 353

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Search completed: April 9, 2004, 15:44:24
Job time : 24 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: April 9, 2004, 15:43:20 ; Search time 47 Seconds
(without alignments)
2422.386 Million cell updates/sec

Title: US-09-581-742b-2
Perfect score: 2334
Sequence: 1 MAELRPSGADGPTAPAPGP.....EGAFATEHPYAHGFWLQI 433

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 1073127 seqs, 262937947 residues

Total number of hits satisfying chosen parameters: 1073127

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database:

Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubppa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/2/pubppa/US06_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/2/pubppa/US06_NEW_PUB.pep:*
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- 6: /cgn2_6/ptodata/2/pubppa/US07_PUBCOMB.pep:*
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- 11: /cgn2_6/ptodata/2/pubppa/US09_NEW_PUB.pep:*
- 12: /cgn2_6/ptodata/2/pubppa/US09_PUBCOMB.pep:*
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- 17: /cgn2_6/ptodata/2/pubppa/US60_NEW_PUB.pep:*
- 18: /cgn2_6/ptodata/2/pubppa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2334	100.0	433	US-10-147-493-6	Sequence 6, Appli
2	2334	100.0	433	US-10-145-127-6	Sequence 6, Appli
3	2334	100.0	433	US-10-160-503-6	Sequence 6, Appli
4	2334	100.0	433	US-10-143-118-6	Sequence 6, Appli
5	2334	100.0	433	US-10-144-993-6	Sequence 6, Appli
6	2334	100.0	433	US-10-158-787-6	Sequence 6, Appli
7	2334	100.0	433	US-10-140-024-6	Sequence 6, Appli
8	2334	100.0	433	US-10-028-072-6	Sequence 6, Appli
9	2334	100.0	433	US-10-121-045-6	Sequence 6, Appli
10	2334	100.0	433	US-10-123-904-6	Sequence 6, Appli
11	2334	100.0	433	US-10-140-470-6	Sequence 6, Appli
12	2334	100.0	433	US-10-175-746-6	Sequence 6, Appli
13	2334	100.0	433	US-10-176-918-6	Sequence 6, Appli
14	2334	100.0	433	US-10-176-921-6	Sequence 6, Appli
15	2334	100.0	433	US-10-137-865-6	Sequence 6, Appli

16	2334	100.0	433	US-10-140-474-6	Sequence 6, Appli
17	2334	100.0	433	US-10-142-431-6	Sequence 6, Appli
18	2334	100.0	433	US-10-143-114-6	Sequence 6, Appli
19	2334	100.0	433	US-10-140-002-6	Sequence 6, Appli
20	2334	100.0	433	US-10-142-419-6	Sequence 6, Appli
21	2334	100.0	433	US-10-123-262-6	Sequence 6, Appli
22	2334	100.0	433	US-10-142-423-6	Sequence 6, Appli
23	2334	100.0	433	US-10-121-050-6	Sequence 6, Appli
24	2334	100.0	433	US-10-141-755-6	Sequence 6, Appli
25	2334	100.0	433	US-10-143-032-6	Sequence 6, Appli
26	2334	100.0	433	US-10-123-108-6	Sequence 6, Appli
27	2334	100.0	433	US-10-123-236-6	Sequence 6, Appli
28	2334	100.0	433	US-10-123-261-6	Sequence 6, Appli
29	2334	100.0	433	US-10-140-921-6	Sequence 6, Appli
30	2334	100.0	433	US-10-140-928-6	Sequence 6, Appli
31	2334	100.0	433	US-10-121-045-6	Sequence 6, Appli
32	2334	100.0	433	US-10-123-292-6	Sequence 6, Appli
33	2334	100.0	433	US-10-123-803-6	Sequence 6, Appli
34	2334	100.0	433	US-10-124-819-6	Sequence 6, Appli
35	2334	100.0	433	US-10-124-822-6	Sequence 6, Appli
36	2334	100.0	433	US-10-124-825-6	Sequence 6, Appli
37	2334	100.0	433	US-10-160-498-6	Sequence 6, Appli
38	2334	100.0	433	US-10-124-824-6	Sequence 6, Appli
39	2334	100.0	433	US-10-127-825A-6	Sequence 6, Appli
40	2334	100.0	433	US-10-127-829A-6	Sequence 6, Appli
41	2334	100.0	433	US-10-127-835A-6	Sequence 6, Appli
42	2334	100.0	433	US-10-127-839A-6	Sequence 6, Appli
43	2334	100.0	433	US-10-127-901A-6	Sequence 6, Appli
44	2334	100.0	433	US-10-128-693A-6	Sequence 6, Appli
45	2334	100.0	433	US-10-131-813A-6	Sequence 6, Appli

ALIGNMENTS

RESULT 1
US-10-147-493-6
Sequence 6, Application US/10147493
Publicatoin No. US20040029217A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Defoyers, Luc
APPLICANT: Desnoyers, Luc
APPLICANT: Flivartoff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1345
CURRENT APPLICATION NUMBER: US/10/147,493
Pilot Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-147-493-6
Query Match 100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,86-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0;

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Db 1 MAELRPSGAGPPTAPAPGPTAPAPAFASLFPFGHAIYGECCRLYPDQNPLOVTAIVKY 60
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Db 61 WLGGPDLDDVSNVSRNVGPSANIPEHMHYISFGLSDLYGDNRVHEFTGTGDSGSGFEL 120
QY 121 TFLKRETESAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180
Db 121 TFLKRETESAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180
QY 181 EDPMQVPQTPFGVVTFLQIVGCTEBELHSAQNNGGIIEELRTVPIAGGFWLITDMR 240
Db 181 EDPMQVPQTPFGVVTFLQIVGCTEBELHSAQNNGGIIEELRTVPIAGGFWLITDMR 240
QY 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICIGTQPRRL 300
Db 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICIGTQPRRL 300
QY 301 SGKTEQIRETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTAIIPHEL 360
Db 301 SGKTEQIRETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTAIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPLCRGRLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420
Db 361 IRTQLESVHLKFNQESGALIPLCRGRLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420
QY 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 2

US-10-145-127-6

Sequence 6, Application US/10145127

Publication No. US20040033558A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C252
CURRENT FILING DATE: 2002-05-13
CURRENT APPLICATION NUMBER: US/10/145,127
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-145-127-6

Query Match 100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPPTAPAPGPTAPAPAFASLFPFGHAIYGECCRLYPDQNPLOVTAIVKY 60
Db 1 MAELRPSGAGPPTAPAPGPTAPAPAFASLFPFGHAIYGECCRLYPDQNPLOVTAIVKY 60
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Db 61 WLGGPDLDDVSNVSRNVGPSANIPEHMHYISFGLSDLYGDNRVHEFTGTGDSGSGFEL 120
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Db 121 TFLKRETESAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180
QY 181 EDPMQVPQTPFGVVTFLQIVGCTEBELHSAQNNGGIIEELRTVPIAGGFWLITDMR 240
Db 181 EDPMQVPQTPFGVVTFLQIVGCTEBELHSAQNNGGIIEELRTVPIAGGFWLITDMR 240
QY 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICIGTQPRRL 300
Db 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICIGTQPRRL 300
QY 301 SGKTEQIRETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTAIIPHEL 360
Db 301 SGKTEQIRETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTAIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPLCRGRLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420
Db 361 IRTQLESVHLKFNQESGALIPLCRGRLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420
QY 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 3

US-10-160-503-6

Sequence 6, Application US/10160503

Publication No. US20040033559A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C446
CURRENT FILING DATE: 2002-05-30
CURRENT APPLICATION NUMBER: US/10/160,503
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-160-503-6

Query Match 100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPGLHAIVGECRRLYPDQPNPLQVTAIVKY 60
QY 61 WLGGPPLDYVSMYRNVGSPSANIPBHMHTISFGSLDYGDNRVHEFTGTDGSGFGFEL 120
Db 61 WLGGPPLDYVSMYRNVGSPSANIPBHMHTISFGSLDYGDNRVHEFTGTDGSGFGFEL 120
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Db 121 TFLRKRETESAPPTWPAELMOGLARYVFOSENTFCGSDHVSWMHSPLDNBSERIQHMLLT 180
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Db 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQNMGGIIELTRVPIAGGFWLITDMR 240
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Db 241 GETIFEDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGTQPRRL 300
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Db 301 SGKDTQIRRETLRGLRGLINSKVPVLPINPQONGLAHDPASRKDSLSDSSTAIIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMAITFVSTGVGAFATE 420
Db 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMAITFVSTGVGAFATE 420
QY 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 4

US-10-143-118-6
; Sequence 6, Application US/10143118
; Publication No. US2004003835A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C28
; CURRENT APPLICATION NUMBER: US/10/143,118
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-118-6

Query Match 100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPGLHAIVGECRRLYPDQPNPLQVTAIVKY 60
Db 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPGLHAIVGECRRLYPDQPNPLQVTAIVKY 60

QY 61 WLGGPPLDYVSMYRNVGSPSANIPBHMHTISFGSLDYGDNRVHEFTGTDGSGFGFEL 120
Db 61 WLGGPPLDYVSMYRNVGSPSANIPBHMHTISFGSLDYGDNRVHEFTGTDGSGFGFEL 120
QY 121 TFLRKRETESAPPTWPAELMOGLARYVFOSENTFCGSDHVSWMHSPLDNBSERIQHMLLT 180
Db 121 TFLRKRETESAPPTWPAELMOGLARYVFOSENTFCGSDHVSWMHSPLDNBSERIQHMLLT 180
QY 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQNMGGIIELTRVPIAGGFWLITDMR 240
Db 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQNMGGIIELTRVPIAGGFWLITDMR 240
QY 241 GETIFEDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGTQPRRL 300
Db 241 GETIFEDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGTQPRRL 300
QY 301 SGKDTQIRRETLRGLRGLINSKVPVLPINPQONGLAHDPASRKDSLSDSSTAIIIPHEL 360
Db 301 SGKDTQIRRETLRGLRGLINSKVPVLPINPQONGLAHDPASRKDSLSDSSTAIIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMAITFVSTGVGAFATE 420
Db 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMAITFVSTGVGAFATE 420
QY 421 EHPYAAHGFWLQL 433
Db 421 EHPYAAHGFWLQL 433

RESULT 5

US-10-144-993-6
; Sequence 6, Application US/10144993
; Publication No. US2004003835A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C261
; CURRENT APPLICATION NUMBER: US/10/144,993
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-144-993-6

Query Match 100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPGLHAIVGECRRLYPDQPNPLQVTAIVKY 60
Db 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPGLHAIVGECRRLYPDQPNPLQVTAIVKY 60


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; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-024-6

Query Match      100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRSGAGPPTAPAPAPPTAPAPASLFPGLMAIYECRLYDQNPLOQYAIYKY 60
DB 1 MAELRSGAGPPTAPAPAPPTAPAPASLFPGLMAIYECRLYDQNPLOQYAIYKY 60
QY 61 WJGGPPLDYVMYRNVSPPSANIPHWHYISFGLSLDLYGDNRVHEFTGDPGSGFPEL 120
DB 61 WJGGPPLDYVMYRNVSPPSANIPHWHYISFGLSLDLYGDNRVHEFTGDPGSGFPEL 120
QY 121 TPLKRETSAPPTAPAPAPPTAPAPASLFPGLMAIYECRLYDQNPLOQYAIYKY 180
DB 121 TPLKRETSAPPTAPAPAPPTAPAPASLFPGLMAIYECRLYDQNPLOQYAIYKY 180
QY 181 EDPQMPVQTPFGVTFQIVGVCTEELHSAQWNGQILLETVPINAGFWLITDNR 240
DB 181 EDPQMPVQTPFGVTFQIVGVCTEELHSAQWNGQILLETVPINAGFWLITDNR 240
QY 241 GEITFIDHLOERVKIETGNSLVSAKAMDLSRPEDDEDSSTIGQPRRL 300
DB 241 GEITFIDHLOERVKIETGNSLVSAKAMDLSRPEDDEDSSTIGQPRRL 300
QY 301 SGKDTQIRETLRGLINSKPYLPINPQONGLAHDPAPRSKLSSTALIPHEL 360
DB 301 SGKDTQIRETLRGLINSKPYLPINPQONGLAHDPAPRSKLSSTALIPHEL 360
QY 361 IRRQLESVHLKNGSGALLIPCLRGRLHGRHFFYKAITGDMAITFSTVEGAFAPE 420
DB 361 IRRQLESVHLKNGSGALLIPCLRGRLHGRHFFYKAITGDMAITFSTVEGAFAPE 420
QY 421 EHPYAAHGPWLQ 433
DB 421 EHPYAAHGPWLQ 433

RESULT 8
US-10-028-072-6
; Sequence 6, Application US/10028072
; Publication NO. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Mei-Qiang
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Zhang
; APPLICANT: Wood, William
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
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; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
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PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Freq. No. 5.8e-206; Indels 0; Gaps 0;
Matches 433; Conservative 0; Mismatches 0;

QY 1 MAELRPSGAPPTAPAPPTAPAPFASIFPPGLHAIYGECHRLYPDOGNPLQVTAIYKY 60
DB 1 MAELRPSGAPPTAPAPPTAPAPFASIFPPGLHAIYGECHRLYPDOGNPLQVTAIYKY 60
QY 61 WUGPDPDLVYMNTRVGSPSANIPDHMYISFGISDLYGDNRAVEFTGDSGSGFEL 120
DB 61 WUGPDPDLVYMNTRVGSPSANIPDHMYISFGISDLYGDNRAVEFTGDSGSGFEL 120
QY 121 TPLKRETESAPPTMPAPLMOGLARYVQSENTECSGDHVSMSHPLDSESRIOHMLIT 180
DB 121 TPLKRETESAPPTMPAPLMOGLARYVQSENTECSGDHVSMSHPLDSESRIOHMLIT 180
QY 181 EDPQWPVQTPPGVVTFLQIVGVCTBEHLSAQQNGGILBLRTVPPIAGFWLITDMR 240
DB 181 EDPQWPVQTPPGVVTFLQIVGVCTBEHLSAQQNGGILBLRTVPPIAGFWLITDMR 240
QY 241 GETIFIDPHLOERYDKGISTDGSNLSGVSAKAMDLSRPEDEDSRSICIGTOPREL 300
DB 241 GETIFIDPHLOERYDKGISTDGSNLSGVSAKAMDLSRPEDEDSRSICIGTOPREL 300
QY 301 SGKDTQIRETLRGLGELNSKVPPLPINFQONGLAHDAPRKCDSLESBSTAIIPHEL 360
DB 301 SGKDTQIRETLRGLGELNSKVPPLPINFQONGLAHDAPRKCDSLESBSTAIIPHEL 360
QY 361 ITRQLESYHLKPNESGALIFLCRGRLLHRRHFTYKSTIDDMAITFVSTVEGAFATE 420
DB 361 ITRQLESYHLKPNESGALIFLCRGRLLHRRHFTYKSTIDDMAITFVSTVEGAFATE 420
QY 421 EHPYAAGFWLQI 433
DB 421 EHPYAAGFWLQI 433

RESULT 9
US-10-121-049-6
Sequence 6, Application US/10121049
Publication No. US20030022239A1
GENERAL INFORMATION:

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Query Match	Similarity	100.0%	Score	2334	DB	14	Length	433
Best Local	Similarity	100.0%	Pred. No.	5.8e-206				
Matches	433	Conservative	0	Mismatches	0	Indels	0	Gaps
QY	1	MAELRPSGAPGPTAPAPGPTAPAPASLFPPLGLHAIYGECKRLIYDPQNPLOVTAIVX	60					
Db	1	MAELRPSGAPGPTAPAPGPTAPAPASLFPPLGLHAIYGECKRLIYDPQNPLOVTAIVX	60					
QY	61	WLGGDDPLDYVMYNNVSGPSANIIEHMYIISFGSLDYGNRVHIEFTCTDPSGSGPEL	120					
Db	61	WLGGDDPLDYVMYNNVSGPSANIIEHMYIISFGSLDYGNRVHIEFTCTDPSGSGPEL	120					
QY	121	TFRLRRTGESAPRPMPAELMGLARVYFQSENTECSGDHVSWMHSLDMSERIQHMLLT	180					
Db	121	TFRLRRTGESAPRPMPAELMGLARVYFQSENTECSGDHVSWMHSLDMSERIQHMLLT	180					
QY	181	EDPQWQPIQTPPGVYTFLOIVGVCTEEELHSAQWNGGILELIRVPIAGFWLLTDMRR	240					
Db	181	EDPQWQPIQTPPGVYTFLOIVGVCTEEELHSAQWNGGILELIRVPIAGFWLLTDMRR	240					
QY	241	GETIPEIDPHLOERVDKGIETGDSMLGVSACAMDMLSPPEDEDSRSICIGTOPRL	300					
Db	241	GETIPEIDPHLOERVDKGIETGDSMLGVSACAMDMLSPPEDEDSRSICIGTOPRL	300					
QY	301	SGKDTQETRETLRGLLEINSKVPPLPINDORONGLAHDPAPSRKUSLESDSSTAIIPHEL	360					
Db	301	SGKDTQETRETLRGLLEINSKVPPLPINDORONGLAHDPAPSRKUSLESDSSTAIIPHEL	360					
QY	361	IRTRQLESYHLKFNQESGALIPLCRGRLLHRRHFTYKSIITGDMAITFVSTVEGAFATE	420					
Db	361	IRTRQLESYHLKFNQESGALIPLCRGRLLHRRHFTYKSIITGDMAITFVSTVEGAFATE	420					
QY	421	EHRYAAHGFWLQ	433					
Db	421	EHRYAAHGFWLQ	433					

RESULT 10
US-10-123-904-6
; Sequence 6, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.

```

APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Denoyere, Luc
APPLICANT: Flivaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C54
CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-123-904-6

```

Query Match	Similarity	Score	23.34	DB	14	Length	433
Best Local	Similarity	100.0%	Pred.	0.5	8e-206		
Matches	433	Conservative	0	Mismatches	0	Indels	0
							Gaps
							0
QY	1	MAELRSGAPGFTAPAPAGPTAPAPAFASLPPGGLHAIVGECRRLYPDQNPLOVTAIVKY	60				
Db	1	MAELRSGAPGFTAPAPAGPTAPAPAFASLPPGGLHAIVGECRRLYPDQNPLOVTAIVKY	60				
QY	61	WUGGPEPLDYVMYNNVSSPSANIPEKHNYISFGLSDLYGDNRYVHEFTGDSGSGRPEL	120				
Db	61	WUGGPEPLDYVMYNNVSSPSANIPEKHNYISFGLSDLYGDNRYVHEFTGDSGSGRPEL	120				
QY	121	TEFLKKEETGESAPPTWPAELMOGLARYVPOSENTFCGSDHVSMSPLDENSESIQHMILLT	180				
Db	121	TEFLKKEETGESAPPTWPAELMOGLARYVPOSENTFCGSDHVSMSPLDENSESIQHMILLT	180				
QY	181	EDPQMPQVOTPEGVVTFPIQIVGCTCEETHSAQOMNGGIGIELLRTYPIAGPFLINDMR	240				
Db	181	EDPQMPQVOTPEGVVTFPIQIVGCTCEETHSAQOMNGGIGIELLRTYPIAGPFLINDMR	240				
QY	241	GEPIFEIDPHLOERVDKGIETDGSNTSGVSAKCAMDLSRPEDDEDSRSICIGTPRRL	300				
Db	241	GEPIFEIDPHLOERVDKGIETDGSNTSGVSAKCAMDLSRPEDDEDSRSICIGTPRRL	300				
QY	301	SGGDTQIPIETLRRLLETINSKPYLPPIINPQONLADRAPSRKDSIESDSSAIIIPHEL	360				
Db	301	SGGDTQIPIETLRRLLETINSKPYLPPIINPQONLADRAPSRKDSIESDSSAIIIPHEL	360				
QY	361	IRTRQLESYHAKFNQESGALLPLCLRGRLHGRFTYKSIITGDMAITFVSTVEGAFATE	420				
Db	361	IRTRQLESYHAKFNQESGALLPLCLRGRLHGRFTYKSIITGDMAITFVSTVEGAFATE	420				
QY	421	EHFYAAHGFWLQ	433				
Db	421	EHFYAAHGFWLQ	433				

RESULT 11
US-10-140-470-6
; Sequence 6, Application US/10/40470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Berestini, Maureen

```

; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C160
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-6

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Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRRLYPDQNPLOVTAIVKY 60
DB 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRRLYPDQNPLOVTAIVKY 60
QY 61 WLGGPDLIDVSMYRNVSANIPERHMYISFGLSDLYGDNRVHEFTGDPGSGFGL 120
DB 61 WLGGPDLIDVSMYRNVSANIPERHMYISFGLSDLYGDNRVHEFTGDPGSGFGL 120
QY 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
DB 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
QY 181 EDPMQVQPTFGVYTFLOIVGCTEELHSAQOMNGGILRLTVIAGPWLITDMR 240
DB 181 EDPMQVQPTFGVYTFLOIVGCTEELHSAQOMNGGILRLTVIAGPWLITDMR 240
QY 241 GETTFEIDPHLOEVRDVGIEITDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTORRL 300
DB 241 GETTFEIDPHLOEVRDVGIEITDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTORRL 300
QY 301 SGKDTQIRRTLRGLRGLINSKPVLPINPORONGLAHDPAPSRKDSLESSTAIIPHEL 360
DB 301 SGKDTQIRRTLRGLRGLINSKPVLPINPORONGLAHDPAPSRKDSLESSTAIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
DB 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

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RESULT 12
US-10-175-746-6
; Sequence 6, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C160
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-6

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Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRRLYPDQNPLOVTAIVKY 60
DB 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRRLYPDQNPLOVTAIVKY 60
QY 61 WLGGPDLIDVSMYRNVSANIPERHMYISFGLSDLYGDNRVHEFTGDPGSGFGL 120
DB 61 WLGGPDLIDVSMYRNVSANIPERHMYISFGLSDLYGDNRVHEFTGDPGSGFGL 120
QY 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
DB 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
QY 181 EDPMQVQPTFGVYTFLOIVGCTEELHSAQOMNGGILRLTVIAGPWLITDMR 240
DB 181 EDPMQVQPTFGVYTFLOIVGCTEELHSAQOMNGGILRLTVIAGPWLITDMR 240
QY 241 GETTFEIDPHLOEVRDVGIEITDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTORRL 300
DB 241 GETTFEIDPHLOEVRDVGIEITDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTORRL 300
QY 301 SGKDTQIRRTLRGLRGLINSKPVLPINPORONGLAHDPAPSRKDSLESSTAIIPHEL 360
DB 301 SGKDTQIRRTLRGLRGLINSKPVLPINPORONGLAHDPAPSRKDSLESSTAIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
DB 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

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RESULT 13
US-10-176-918-6
; Sequence 6, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc

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APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C382
CURRENT APPLICATION NUMBER: US/10/176,918
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO: 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-176-918-6

Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRSSGAPPTAPPAAGPTAPPAASLPFGHAIYGCRRLYPDQNPQVTAIVKY 60
DB 1 MAELRSSGAPPTAPPAAGPTAPPAASLPFGHAIYGCRRLYPDQNPQVTAIVKY 60
QY 61 WLGGPDLIVSMYRNVSANIPERHMYISFGSLDLYGDNVHEFTGTDGSGGFEL 120
DB 61 WLGGPDLIVSMYRNVSANIPERHMYISFGSLDLYGDNVHEFTGTDGSGGFEL 120
QY 121 TFLRKRTGSAAPPTAPPAELMOGLARYVFOSENTFCGSDVSHSPLDNSBSRIQHMLT 180
DB 121 TFLRKRTGSAAPPTAPPAELMOGLARYVFOSENTFCGSDVSHSPLDNSBSRIQHMLT 180
QY 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGQPRRL 300
DB 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGQPRRL 300
QY 301 SGKDTEQIRETLRGLEINSKPVLPIPNORONGLAHDRAPSKDSLESDSSTALIIPHEL 360
DB 301 SGKDTEQIRETLRGLEINSKPVLPIPNORONGLAHDRAPSKDSLESDSSTALIIPHEL 360
QY 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
DB 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
QY 421 EHPYAAHGPMLQL 433
DB 421 EHPYAAHGPMLQL 433

RESULT 14
US-10-176-921-6
Sequence 6, Application US/10176921
Publication No. US20030027276A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C28
CURRENT APPLICATION NUMBER: US/10/176,921
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO: 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-176-921-6

Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRSSGAPPTAPPAAGPTAPPAASLPFGHAIYGCRRLYPDQNPQVTAIVKY 60
DB 1 MAELRSSGAPPTAPPAAGPTAPPAASLPFGHAIYGCRRLYPDQNPQVTAIVKY 60
QY 61 WLGGPDLIVSMYRNVSANIPERHMYISFGSLDLYGDNVHEFTGTDGSGGFEL 120
DB 61 WLGGPDLIVSMYRNVSANIPERHMYISFGSLDLYGDNVHEFTGTDGSGGFEL 120
QY 121 TFLRKRTGSAAPPTAPPAELMOGLARYVFOSENTFCGSDVSHSPLDNSBSRIQHMLT 180
DB 121 TFLRKRTGSAAPPTAPPAELMOGLARYVFOSENTFCGSDVSHSPLDNSBSRIQHMLT 180
QY 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPVQTPFGVTFLOIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGQPRRL 300
DB 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKAMDLSRPEDDEDSRSICIGQPRRL 300
QY 301 SGKDTEQIRETLRGLEINSKPVLPIPNORONGLAHDRAPSKDSLESDSSTALIIPHEL 360
DB 301 SGKDTEQIRETLRGLEINSKPVLPIPNORONGLAHDRAPSKDSLESDSSTALIIPHEL 360
QY 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
DB 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
QY 421 EHPYAAHGPMLQL 433
DB 421 EHPYAAHGPMLQL 433

RESULT 15
US-10-137-865-6
Sequence 6, Application US/10137865
Publication No. US20030032155A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
ACIDS
FILE REFERENCE: P330R1C154
CURRENT APPLICATION NUMBER: US/10/137,865
CURRENT FILING DATE: 2002-05-03
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 6
LENGTH: 433
TYPE: PRT
ORGANISM: Homo Sapien
US-10-137-865-6

Query Match 100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5.8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAPGPTAPAPGPTAPAPAFALPPPGHAIYGEGRLLYPPQNPLOVTAIVKY 60
DB 1 MAELRPSGAPGPTAPAPGPTAPAPAFALPPPGHAIYGEGRLLYPPQNPLOVTAIVKY 60
QY 61 WLGGPDLVDYVSMYRNGSSSANIPENHMYISFGLSDLYGDNVHAEFTGIDPSGFGFEL 120
DB 61 WLGGPDLVDYVSMYRNGSSSANIPENHMYISFGLSDLYGDNVHAEFTGIDPSGFGFEL 120
QY 121 TFRKRTGSEAPPTWPAELMOGLARYVFOSENTFCGSDHVSWSHSPDLSSESRICQMLLT 180
DB 121 TFRKRTGSEAPPTWPAELMOGLARYVFOSENTFCGSDHVSWSHSPDLSSESRICQMLLT 180
QY 181 EDPOMQVQTPFGVVTFLQIVGVCTEELHSAQOMNGGILELRTVPIAGGPWLITDMRR 240
DB 181 EDPOMQVQTPFGVVTFLQIVGVCTEELHSAQOMNGGILELRTVPIAGGPWLITDMRR 240
QY 241 GETTFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDDLSPRPDDDSRSICIGTQPRRL 300
DB 241 GETTFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDDLSPRPDDDSRSICIGTQPRRL 300
QY 301 SGKDTGQIRRTLRGLRGLINSKXVLPINPQONGLAHRAAPSRKDSIESDSTAITPHEL 360
DB 301 SGKDTGQIRRTLRGLRGLINSKXVLPINPQONGLAHRAAPSRKDSIESDSTAITPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFAFE 420
DB 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFAFE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

Search completed: April 9, 2004, 15:49:09
Job time : 48 secs